





Immunoassay and immunometric assay of free ligand concentrations in biological fluids

Patent number: JP60501674T
Publication date: 1985-10-03
Inventor:
Applicant:
Classification:
- international: **G01N33/53; G01N33/78; G01N33/53; G01N33/74;**
(IPC1-7): A61K39/00; G01N33/536; G01N33/78
- european: G01N33/53; G01N33/78
Application number: JP19840502539T 19840622
Priority number(s): GB19830017124 19830623

Also published as:

 WO8500226 (A1)
 EP0149631 (A1)
 US4745072 (A1)
 EP0149631 (B1)

Report a data error here

Abstract not available for JP60501674T

Abstract of corresponding document: **US4745072**

PCT No. PCT/GB84/00220 Sec. 371 Date Feb. 20, 1985 Sec. 102(e) Date Feb. 20, 1985 PCT Filed Jun. 22, 1984 PCT Pub. No. WO85/00226 PCT Pub. Date Jan. 17, 1985. A method of measuring the concentration of a free ligand in a biological fluid containing the free ligand and ligand bound to endogenous binding agent, by the steps of (a) mixing a sample of the fluid with an analogue of the ligand, a specific binder with which the free ligand and the ligand analogue bind, and an exogenous binding agent which binds the ligand analogue but not the ligand, either the ligand analogue or the specific binder being labelled, (b) incubating the resulting mixture, (c) determining either the amount of the labelled analogue bound or the amount of labelled specific binder bound, or not bound, to the ligand analogue, and (d) correlating the determined amount to the amount of free ligand present in the sample. The method is useful to measure concentration of free thyroid hormones and other hormones in body fluids, employing antibodies specific to the ligand analogue as the exogenous binding agents.

Data supplied from the **esp@cenet** database - Worldwide